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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	10/721,559
		Filing Date	November 25, 2003
		First Named Inventor	Jin Wang
		Art Unit	2611
		Examiner Name	Jayanti K. Patel
Total Number of Pages in This Submission		Attorney Docket Number	I-2-0401.1US

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <div style="border: 1px solid black; padding: 2px;">Remarks</div>	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please Identify below): Form PTO-1449 (2 pgs.) w/ a copy of the European Search Report and four (4) references.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Louis Weinstein	Reg. No. 20,477
Signature		
Date	May 11, 2006	

CERTIFICATE OF TRANSMISSION/MAILING

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Typed or printed name	Louis Weinstein	
Signature		Date
	May 11, 2006	

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the **PATENT APPLICATION** of:

Jin Wang

Application No.: 10/721,559**Confirmation No.:** 5822**Filed:** November 25, 2003**For:** ADAPTIVE TURBO MULTIUSER
DETECTION FOR HSDPA/TDD CDMA WITH
UNKNOWN INTERFERERS

Group: 2611

Examiner: Jayanti K. Patel

Our File: I-2-0401.1US

Date: May 11, 2006

**INFORMATION DISCLOSURE STATEMENT
INCLUDING RULE 1.704(d) STATEMENT**

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Further to Applicant's Duty of Disclosure pursuant to 37 C.F.R. §1.56, Applicant wishes to bring to the Examiner's attention the material cited on the enclosed PTO-1449 form. Newly cited documents are indicated by an asterisk (*). Copies of the cited documents are enclosed.

Pursuant to 37 C.F.R. § 1.97(e)(1), the undersigned certifies that each new item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application, copy enclosed, and that this communication was not received by any individual designated in §1.56(c)

Applicant: Jin Wang
Application No.: 10/721,559

more than three (3) months prior to the filing of this Information Disclosure Statement.

Pursuant to 37 C.F.R. § 1.704(d), the undersigned certifies that each new item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application, copy enclosed, and that this communication was not received by any individual designated in § 1.56(c) more than thirty (30) days prior to the filing of this Information Disclosure Statement.

The source of the newly identified items of information is the enclosed communication from a foreign patent office in a counterpart application, dated April 12, 2006.

It is respectfully requested that the Examiner consider these documents and return an initialed copy of the PTO-1449 form indicating his consideration of the cited materials.

Respectfully submitted,

Jin Wang
By 
Louis Weinstein
Registration No. 20,477
(215) 568-6400

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30 South 17th Street
Philadelphia, PA 19103

LW/lS
Enclosures (6)



FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		ATTY. DOCKET NO. I-2-0401.1US	SERIAL NO. 10/721,559
		APPLICANT Jin Wang	
		FILING DATE November 25, 2003	GROUP 2631

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		6,587,524	07/2003	Doetsch			
		2002/0126644 A1	09/2002	Turpin et al.			
		2002/0161560 A1	10/2002	Abe et al.			
		2002/0163978 A1	11/2002	Doetsch et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		Wang et al., "Blind Turbo Equalization in Gaussian and Impulse Noise," IEEE Transactions on Vehicular Technology, vol. 50, no. 4, July 2001, pgs. 1092-1105.
		3GPP TS 25.308 v5.2.0 (2002-03), 3rd Generation Partnership Project; Technical Specification Group Radio Access Network; High Speed Downlink Packet Access (HSDPA); Overall description; Stage 2 (Release 5).
		3GPP TR 25.848 v4.0.0 (2001-03), 3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Physical layer aspects of UTRA High Speed Downlink Project Access (Release 4).
		3GPP TS 25.221 v5.0.0 (2002-03), 3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Physical channels and mapping of transport channels onto physical channels (TDD) (Release 5)
		Wang et al., "Monte Carlo Bayesian Signal Processing for Wireless Communications."
		Wang et al., "Adaptive Bayesian Multiuser Detection for Synchronous CDMA with Gaussian and Impulsive Noise," IEEE Transactions on Signal Processing, Vol. 47 No. 7, July 2000.

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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							YES
							NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

*	Zigang Yang et al., "Blind Turbo Multiuser Detection for Long-Code Multipath CDMA", IEEE Transactions on Communications IEEE USA, vol. 50, no. 1, January 2002, pgs. 112-125.
*	Van Dao Phan et al., "Bayesian Turbo Multiuser Detection for Nonlinearly Modulated CDMA", Signaling Processing, Amsterdam, NL, vol. 82, no. 1, January 2002, pgs. 43-68.
*	Zigang Yang et al., "Blind Turbo Multiuser Detection for Long-Code Uplink CDMA with Unknown Interferences", 2001 IEEE International Conference on Acoustics, Speech and Signal Processing, vol. 1 of 6, 7 May 2001, pgs. 2305-2308.
*	J. Henry Horng et al. "Capacity Enhancement for HSDPA in W-CDMA System", VTC-2002-Fall. 2002 IEEE 56 th . Vehicular Technology Conference Proceedings. vol. 1 of 4. conf. 56, 24 September 2002, pgs. 661-665.

EXAMINER	DATE CONSIDERED

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